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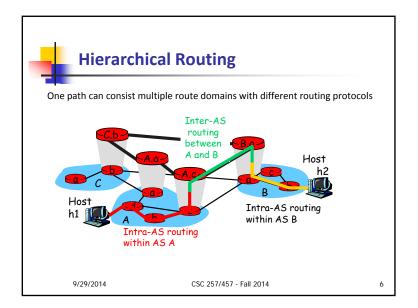


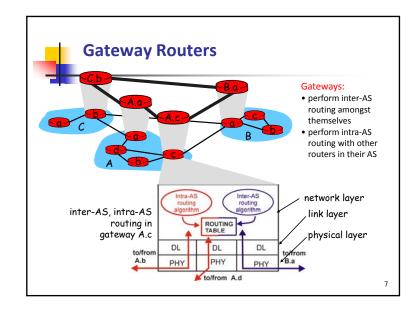
Hierarchical Routing

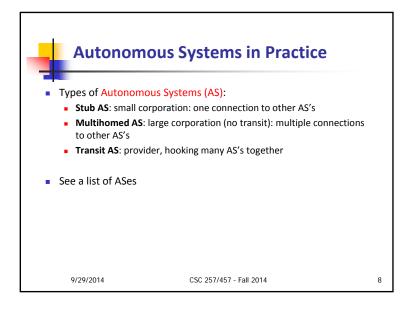
- The Global Internet consists of Autonomous Systems (AS) interconnected with each other
 - Each AS is usually the network of one organization without internal conflict of interests
- Two-level routing:
 - Intra-AS: administrator responsible for choice of routing algorithm within network, typically optimized for performance
 - Inter-AS: unique standard to connect all ASes, performance may not be the only goal

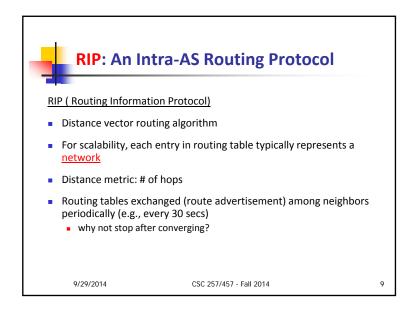
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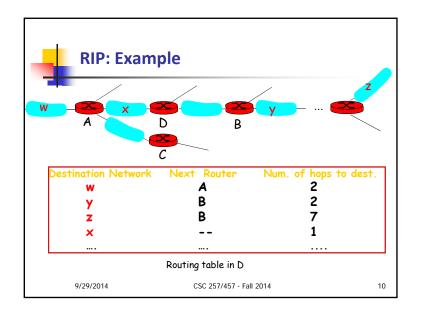
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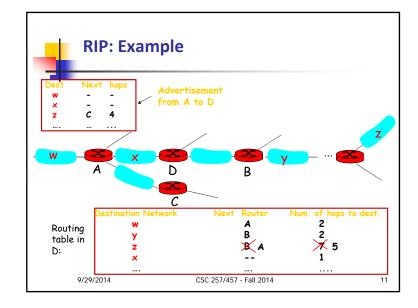


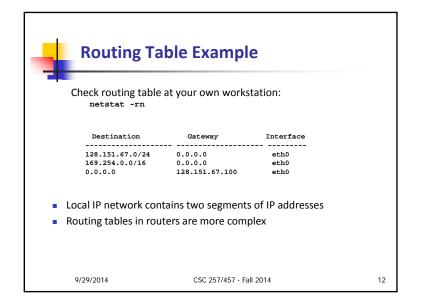


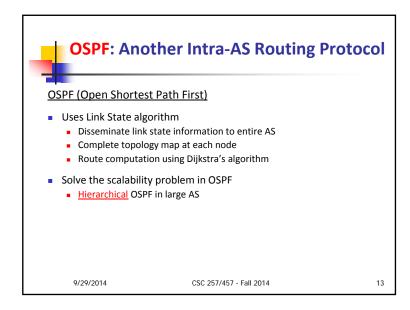


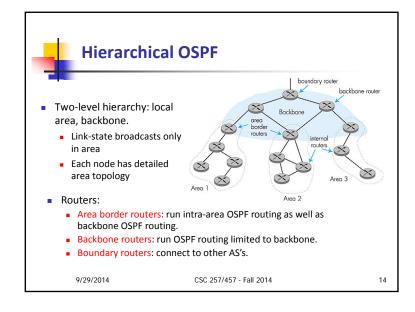


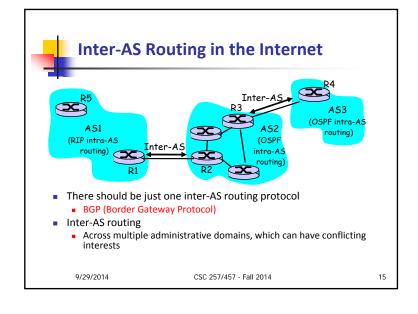


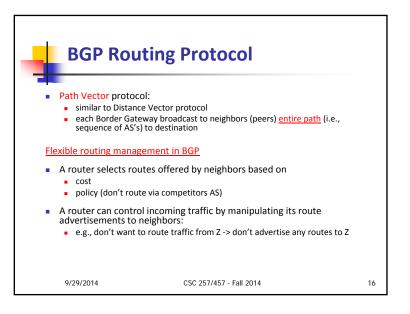


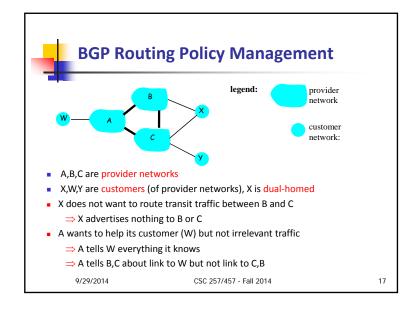


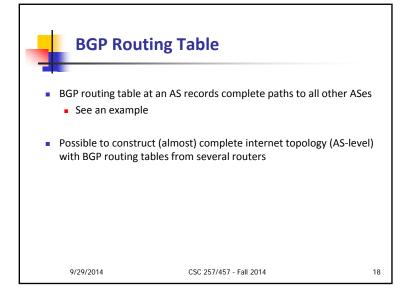


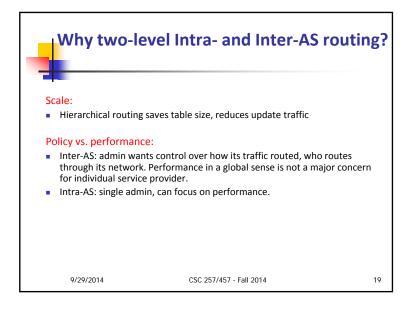














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